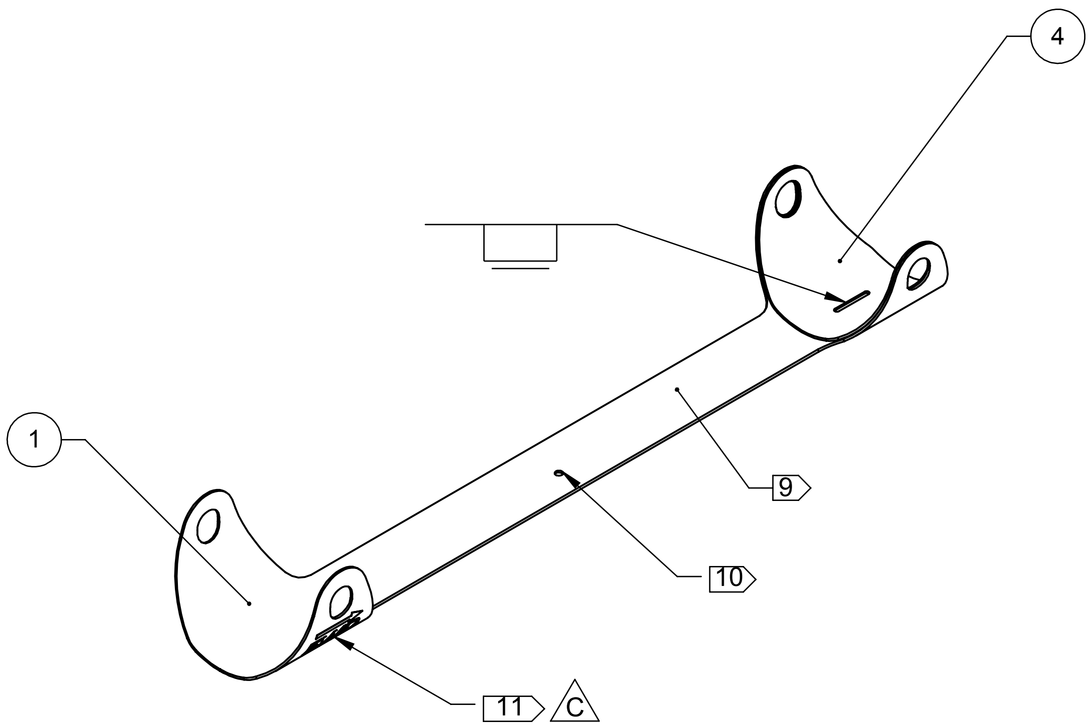
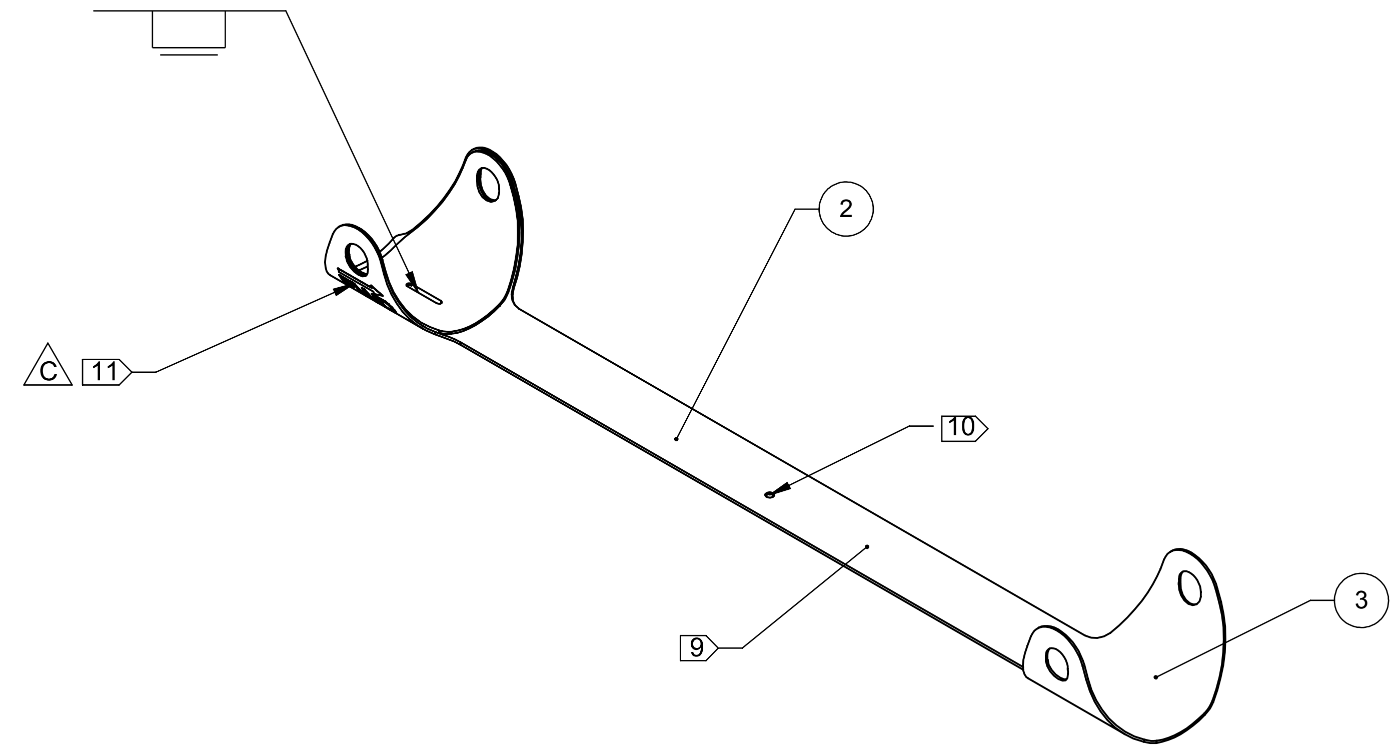
ITEM	QTY -041	QTY -043	P/N	DESCRIPTION
	X		**D4682-041**	**WEARPLATE ASSY**
		X	**D4682-043**	**WEARPLATE ASSY**
1	1		D4682-1	WEARPLATE
2		1	D4682-3	WEARPLATE
3		1	D4682-9	WEARPLATE SHIM
4	1		D4682-11	WEARPLATE SHIM
5	1	1	D5100-1	PLACARD

C
C



D4682-041 WEARPLATE ASSY



NOTES:
1) MATERIAL:N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4682-041" OR "D4682-043" AND B/N PER QSI 044 METHOD 6.1
7) WEIGHT: D4682-041 - 1.12 lbs
D4682-043 - 1.25 lbs
8) WELDING: PER QSI 004
C 9) COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING, 0.020-0.040 THICK PER QSI 005 SECTION 4.9
10) OPEN UP DRAIN HOLE IF NECESSARY TO Ø0.188 AFTER APPLYING TEXTURED COATING
C 11) INDICATE FWD DIRECTION AS SHOWN USING D5100-1 PLACARD IN LOCATION SHOWN

PRELIMINARY ISSUE

REV.	DESCRIPTION	BY	DATE
C	ADDED FWD INDICATION ON D4682-041/-043 PER NOTE 11 (SHT 1), D4682-11 SHIM WAS D4769-3 SHIM, VARIOUS DIMENSIONAL CHANGES TO THRU HOLES AND OVERALL DIMENSIONS OF D4682-1/-3/-5/-9 PARTS. ADDED D4182-11 (SHT 8). UPDATED SPACING BETWEEN THRU HOLES ON D4682-1/-3. REFERENCE TO PLUS ONE ROCKGUARD REMOVED.	AP	14.04.15
B	THRU HOLES NOW SLOTS, VARIOUS DIMENSIONAL CHANGES, Ø0.188 HOLE MOVED (B5-3). UPDATED PART WEIGHTS, REMOVED GRAIN DIR ON ALL PARTS D4769-3 WAS D4682-9 ON D4682-041 WEARPLATE ASSY.	AP	13.09.10
A	NEW ISSUE	AP	13.02.13

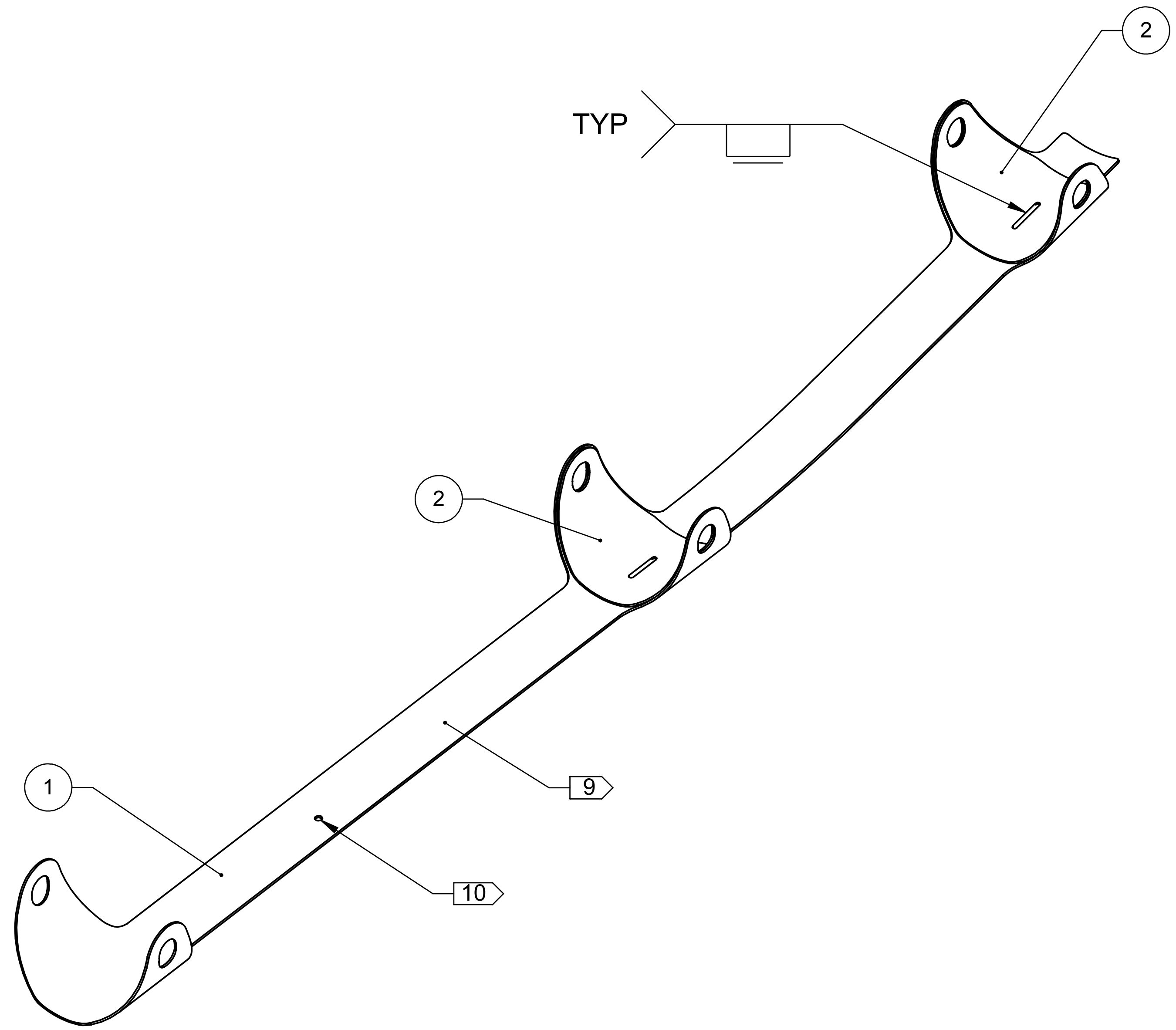
DESIGN	AP
DRAWN	AP
CHECKED	AJS
MFG. APPR.	DD
APPROVED	
DE APPR.	
DATE	14.04.15

DART AEROSPACE USA, INC.
KENT, WA

DRAWING NO. D4682 — REV. C — SHEET 1 OF 8

TITLE: WEARPLATE ASSY — SCALE: NTS

ITEM	QTY -045	P/N	DESCRIPTION
	X	**D4682-045**	**WEARPLATE ASSY**
1	1	D4682-5	WEARPLATE
2	2	D4682-9	WEARPLATE SHIM

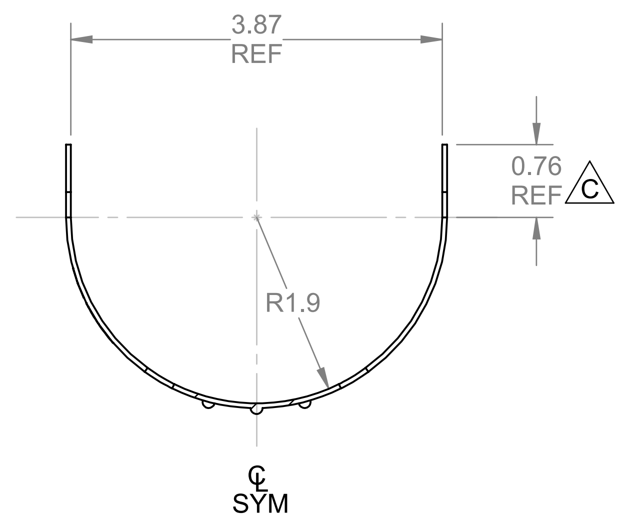


D4682-045 WEARPLATE ASSY

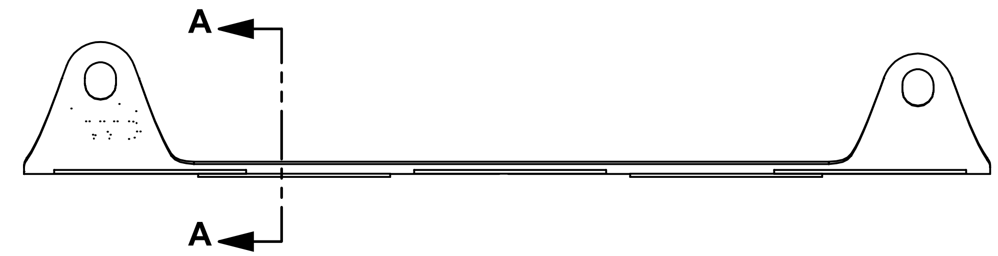
NOTES:
1) MATERIAL:N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 METHOD 6.1
7) WEIGHT: 2.30 lb
8) WELDING: PER QSI 004
9) COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING, 0.020-0.040 THICK, PER QSI 005 SECTION 4.9
(C) 10) OPEN UP DRAIN HOLE IF NECESSARY TO Ø0.188 AFTER APPLYING TEXTURED COATING

PRELIMINARY ISSUE

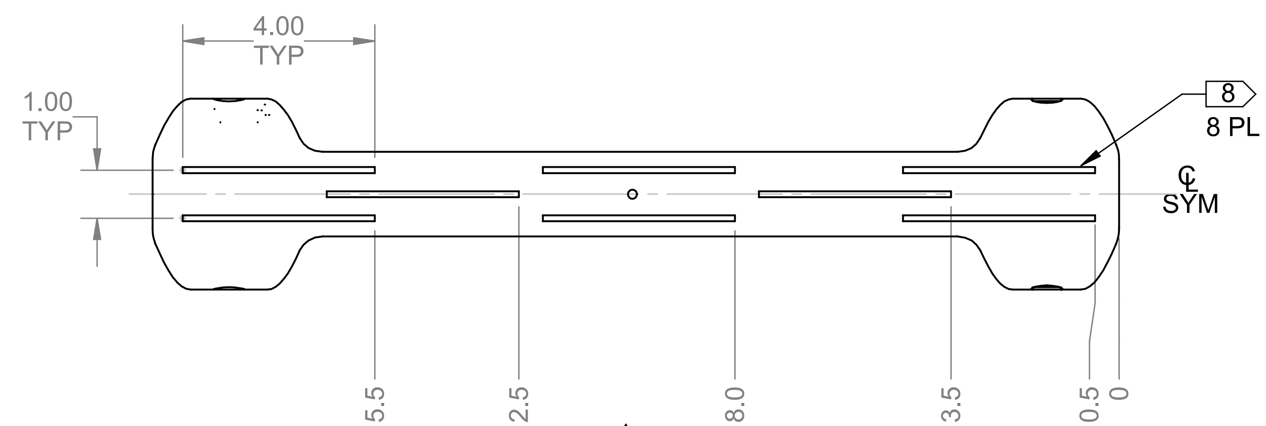
DESIGN	AP	**DART AEROSPACE USA, INC.** KENT, WA
DRAWN	AP	
CHECKED	AJS	DRAWING NO. D4682 — REV. C
MFG. APPR.	DD	SHEET 2 OF 8
APPROVED		TITLE: WEARPLATE ASSY — SCALE NTS
DE APPR.		
DATE	14.04.15	

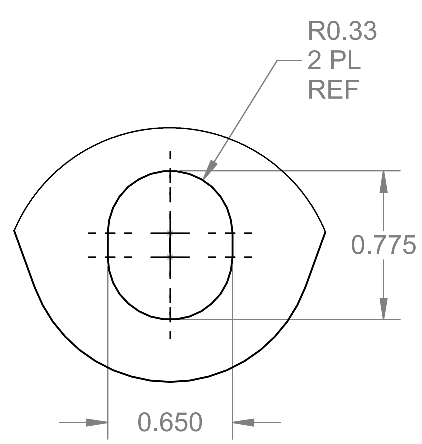


SECTION A-A 9
SCALE 2X

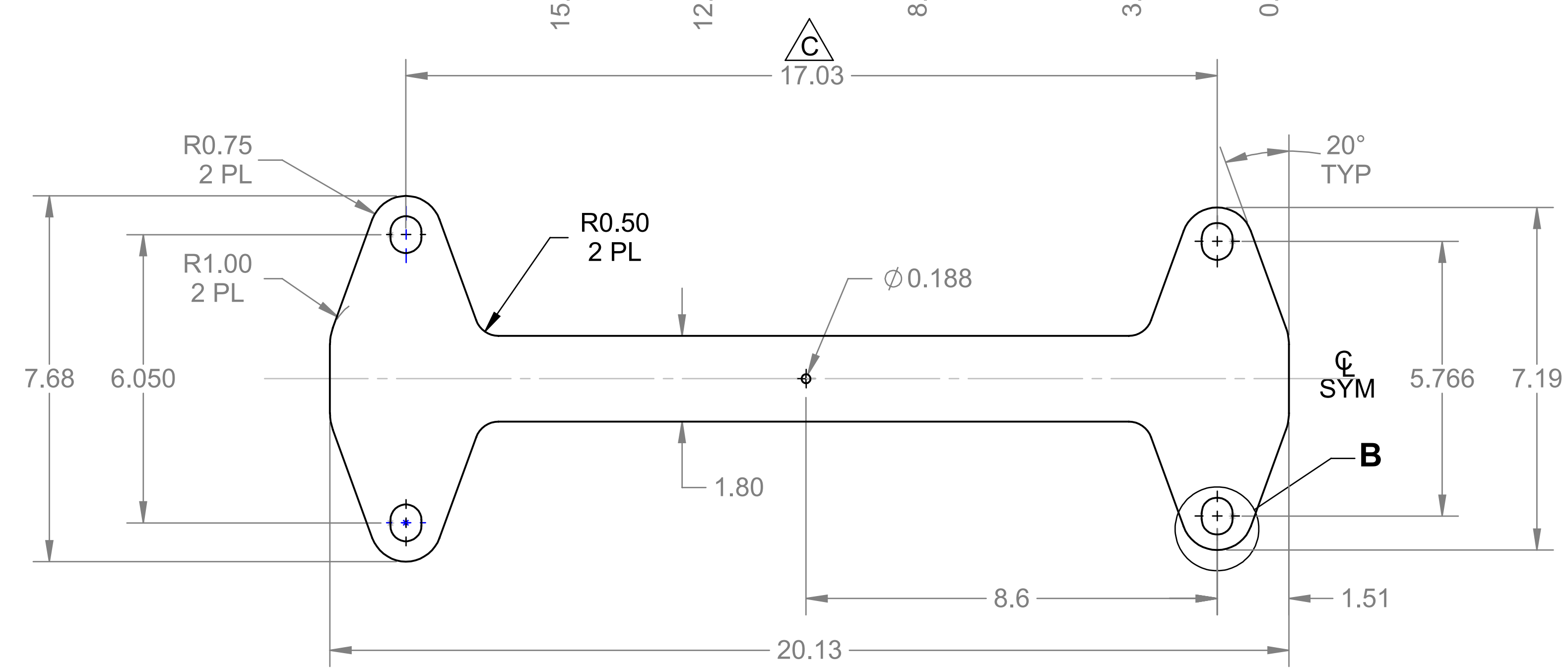


D4682-1 WEARPLATE
(MAKE FROM D4682-1F)





DETAIL B
SCALE 4X
2 PL

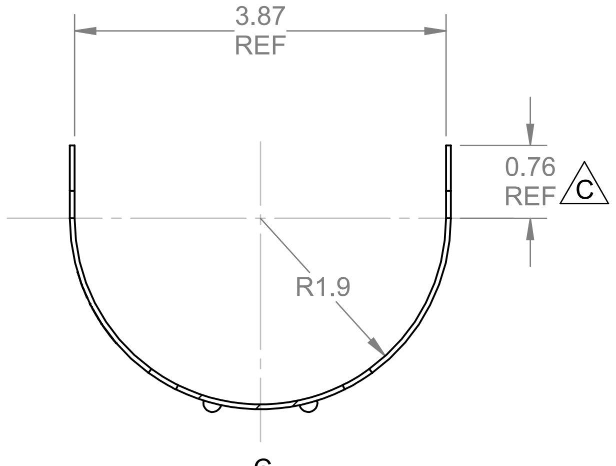


D4682-1F WEARPLATE C
(FLAT PATTERN)

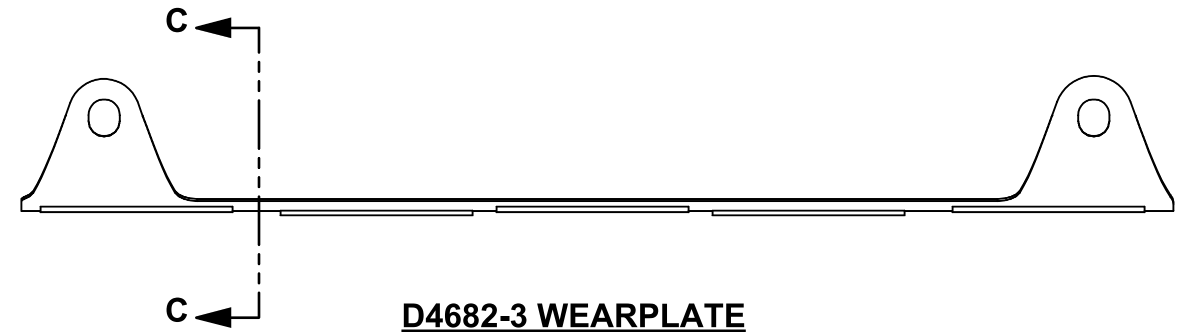
NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR
AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, REF. DART SPEC. M304S18GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.89 lbs
8) WELDING: PER QSI 004. APPLY LAYER OF 2059B HARDCOAT WELD TO 0.063 - 0.125 HIGH AFTER BENDING
9) IT IS ACCEPTABLE TO OVERBEND D4682-1 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

PRELIMINARY ISSUE

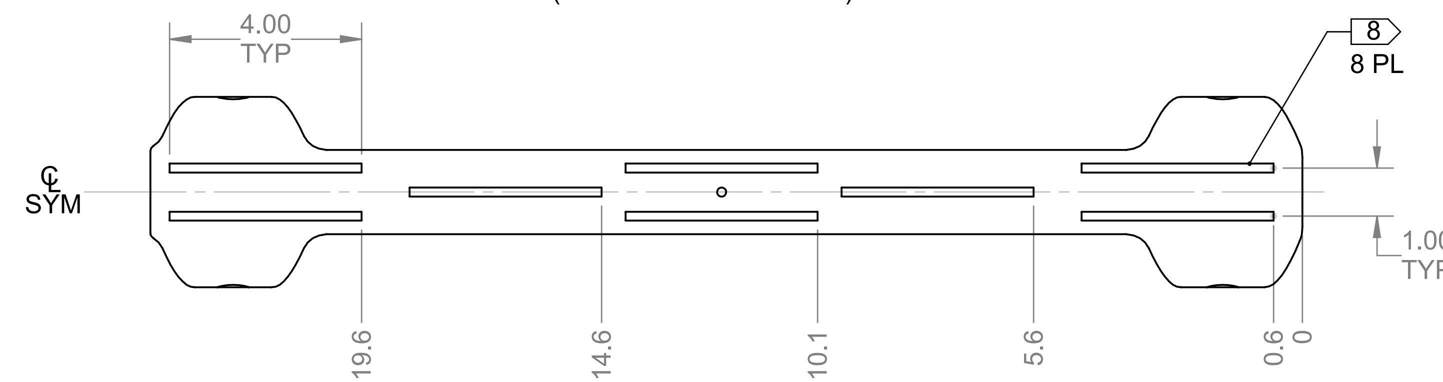
DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA
DRAWN	AP	
CHECKED	AJS	DRAWING NO. D4682 — REV. C — SHEET 3 OF 8
MFG. APPR.	DD	
APPROVED		TITLE WEARPLATE ASSY — SCALE NTS
DE APPR.		
DATE	14.04.15	

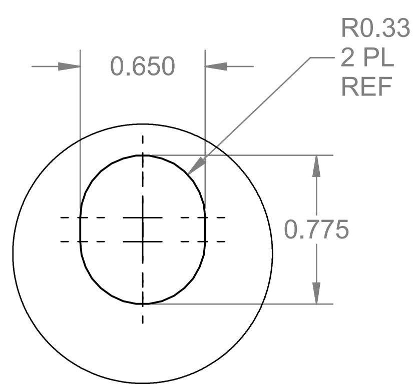


SECTION C-C 9
SCALE 2X

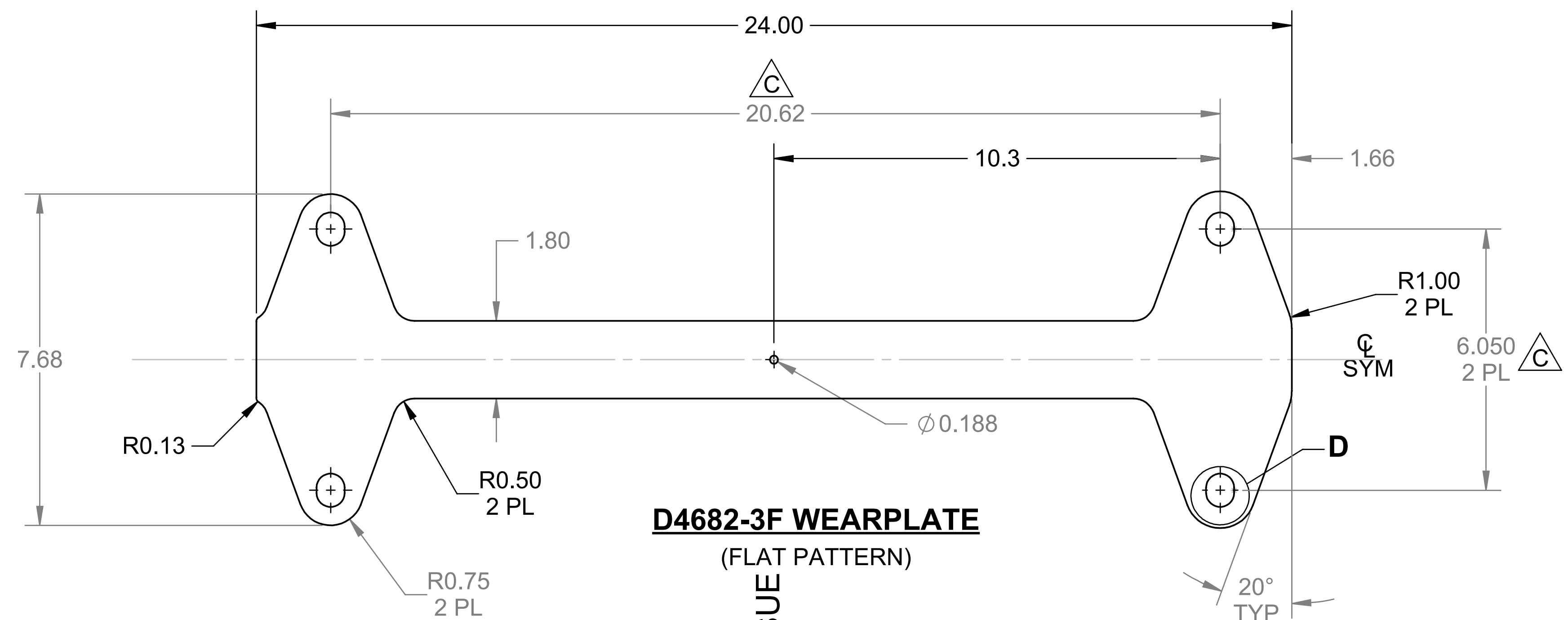


D4682-3 WEARPLATE
(MAKE FROM D4682-3F)





DETAIL D
SCALE 2X
2 PL

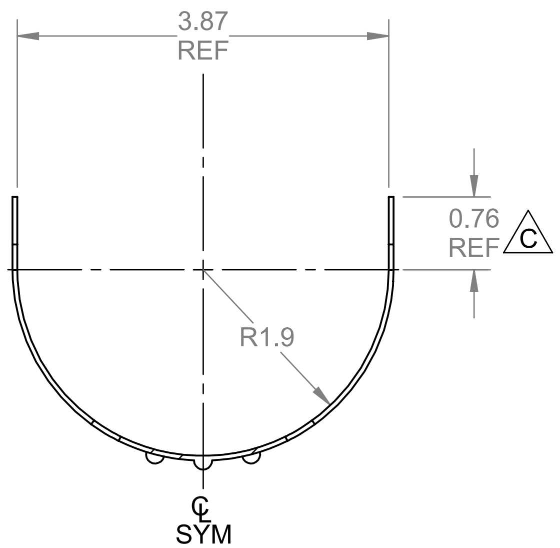


D4682-3F WEARPLATE
(FLAT PATTERN)

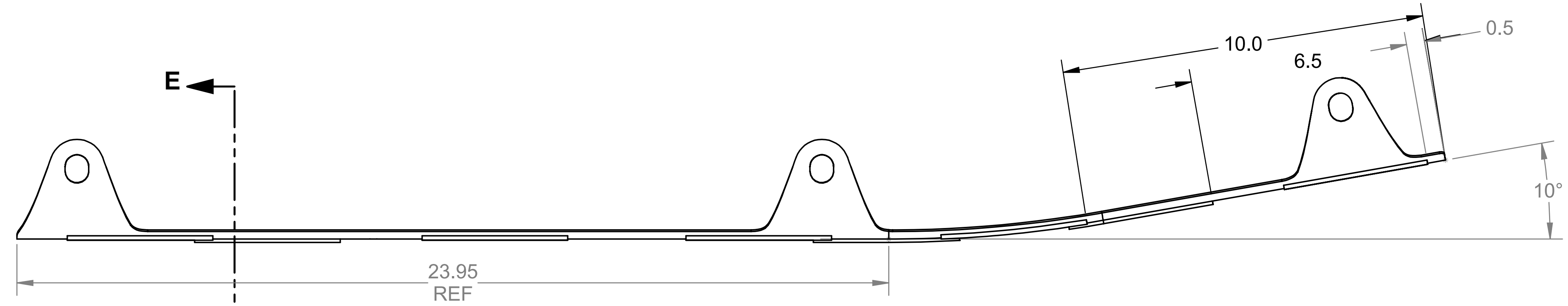
NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR
AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 1.10 lbs
8) WELDING: PER QSI 004. APPLY LAYER OF 2059B HARDCOAT WELD TO 0.063 - 0.125 HIGH AFTER BENDING
9) IT IS ACCEPTABLE TO OVERBEND D4682-3 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

PRELIMINARY ISSUE

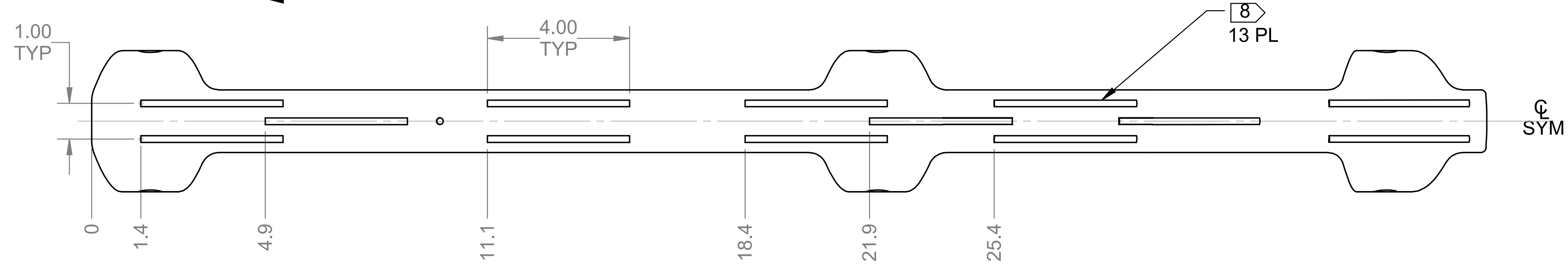
DESIGN	AP	**DART AEROSPACE USA, INC.** KENT, WA
DRAWN	AP	
CHECKED	AJS	DRAWING NO. D4682 — REV. C — SHEET 4 OF 8
MFG. APPR.	DD	
APPROVED		TITLE WEARPLATE ASSY — SCALE NTS
DE APPR.		
DATE	14.04.15	

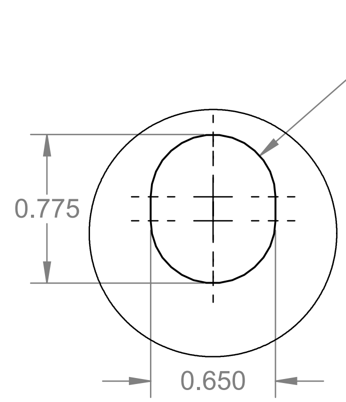


SECTION E-E 9
SCALE 2X

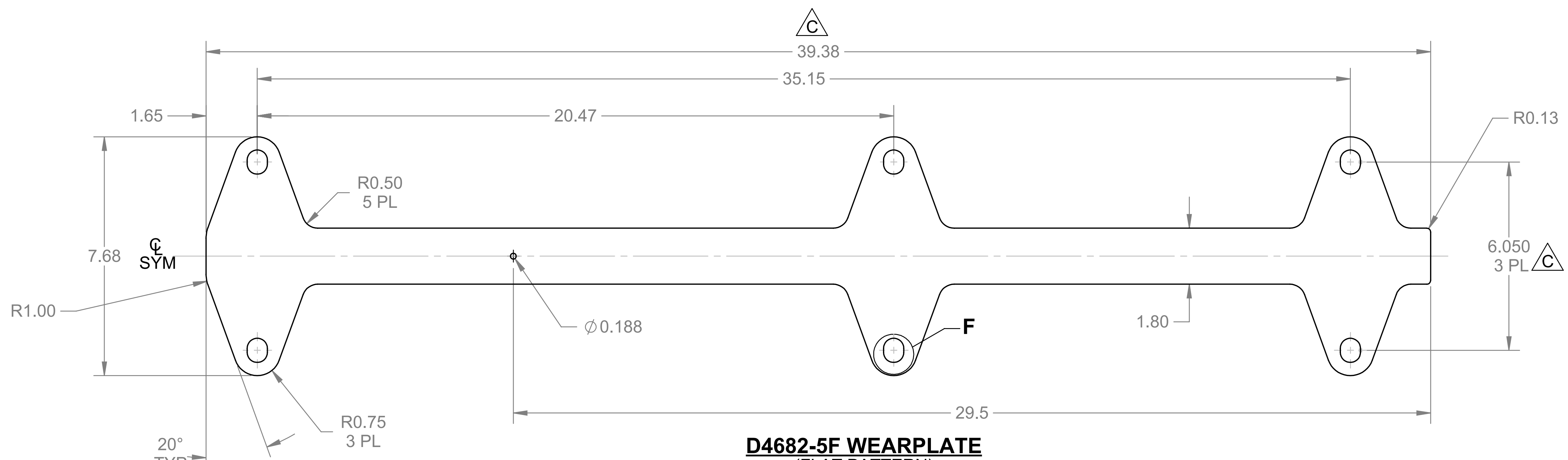


D4682-5 WEARPLATE
(MAKE FROM D4682-5F)





DETAIL F
SCALE 4X
3 PL

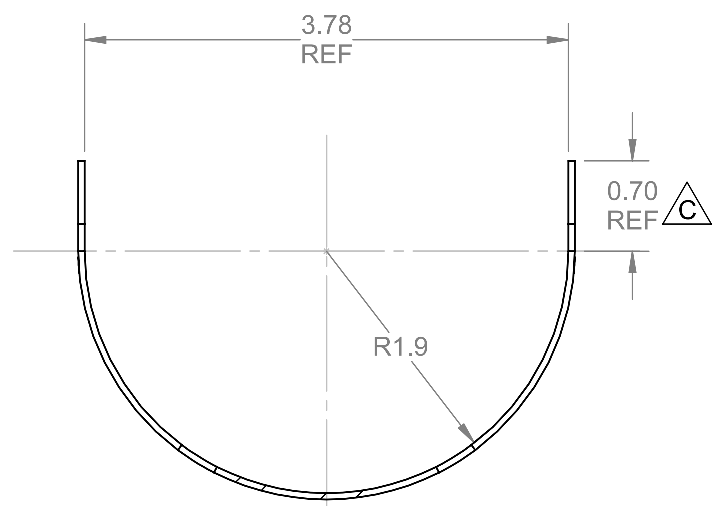


D4682-5F WEARPLATE
(FLAT PATTERN)

NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR
AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 1.52 lbs
8) WELDING: PER QSI 004. APPLY LAYER OF 2059B HARDCOAT WELD TO 0.063 - 0.125 HIGH AFTER BENDING
9) IT IS ACCEPTABLE TO OVERBEND D4682-5 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

PRELIMINARY ISSUE

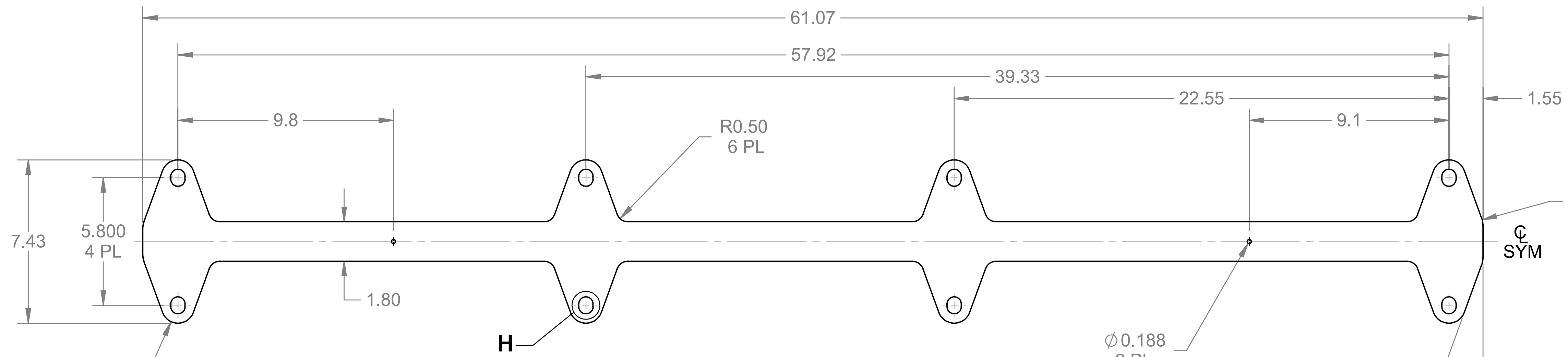
DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA
DRAWN	AP	
CHECKED	AJS	DRAWING NO. D4682 — REV. C — SHEET 5 OF 8
MFG. APPR.	DD	
APPROVED		TITLE WEARPLATE ASSY — SCALE NTS
DE APPR.		
DATE	14.04.15	



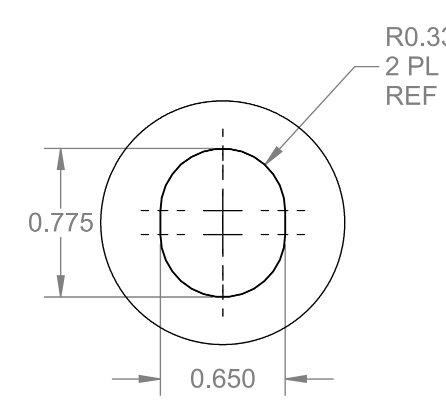
SECTION G-G 8 9
SCALE 4X



D4682-7 WEARPLATE
(MAKE FROM D4682-7F)



D4682-7F WEARPLATE C
(FLAT PATTERN)

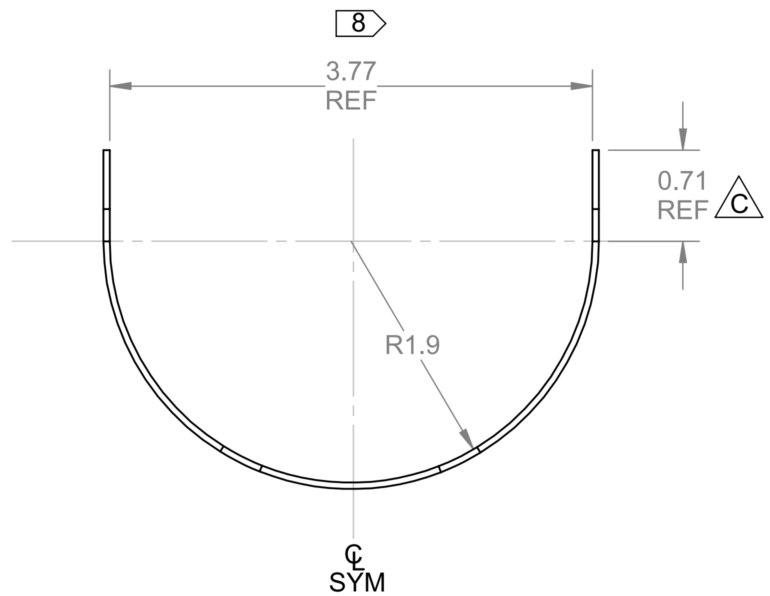


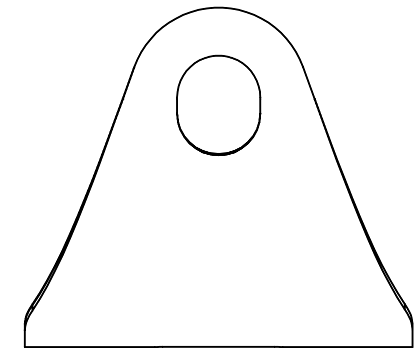
DETAIL H
SCALE 6X
4 PL

NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR
AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4682-7" AND B/N PER QSI 044 METHOD 6.1
7) WEIGHT: 2.21 lbs
8) IT IS ACCEPTABLE TO OVERBEND D4682-7 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG
9) COAT ENTIRE TOP (CONCAVE) SURFACE WITH TEXTURED COATING,
0.020-0.040 THICK AFTER BENDING PER QSI 005 SECTION 4.9
10) OPEN UP DRAIN HOLE IF NECESSARY TO ∅0.188 AFTER APPLYING TEXTURED COATING

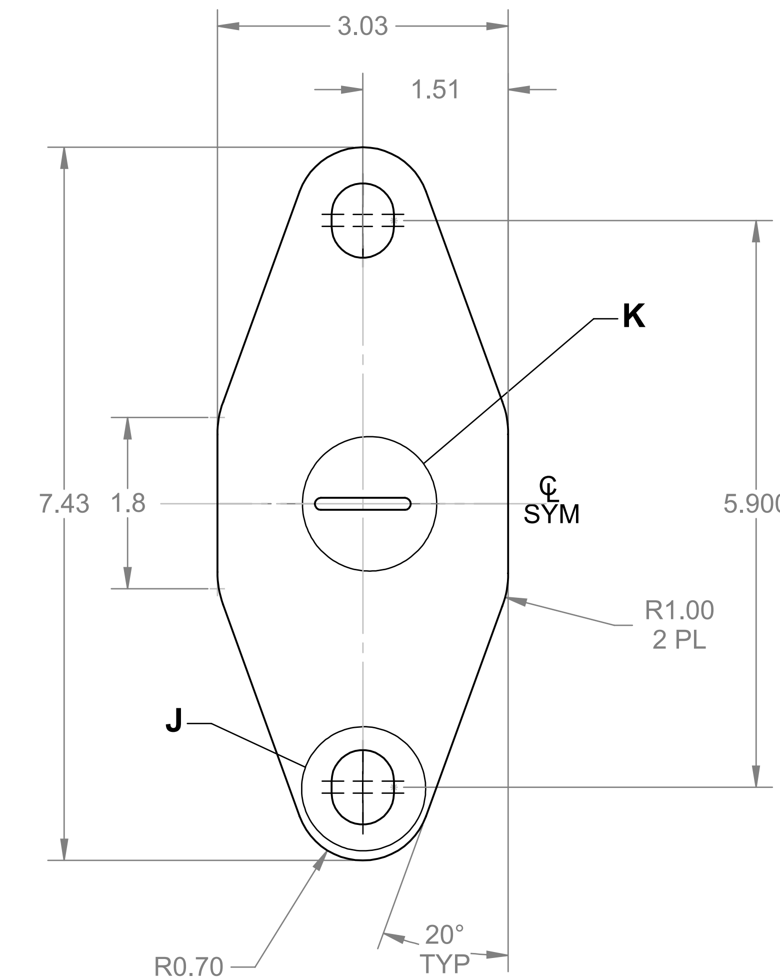
PRELIMINARY ISSUE

DESIGN	AP	**DART AEROSPACE USA, INC.** KENT, WA
DRAWN	AP	
CHECKED	AJS	DRAWING NO. D4682 — REV. C — SHEET 6 OF 8
MFG. APPR.	DD	
APPROVED		TITLE WEARPLATE ASSY — SCALE NTS
DE APPR.		
DATE	14.04.15	

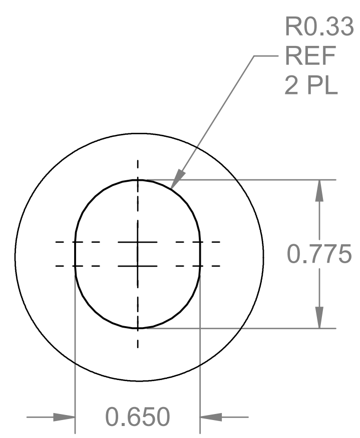




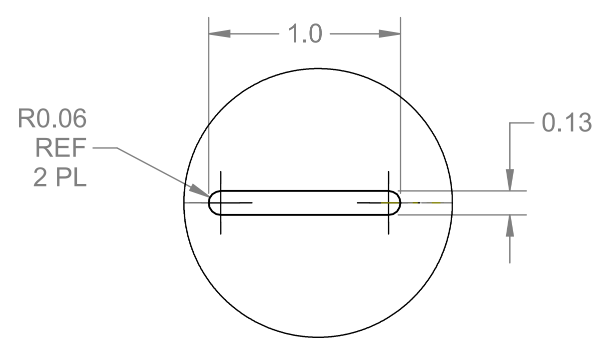
D4682-9 WEARPLATE SHIM
(MAKE FROM D4682-9F)



D4682-9F WEARPLATE SHIM (C)
(FLAT PATTERN)



DETAIL J
SCALE 2X

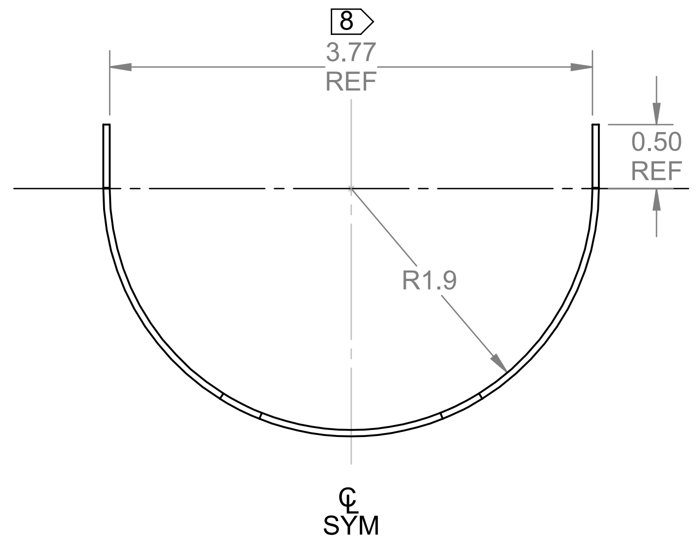


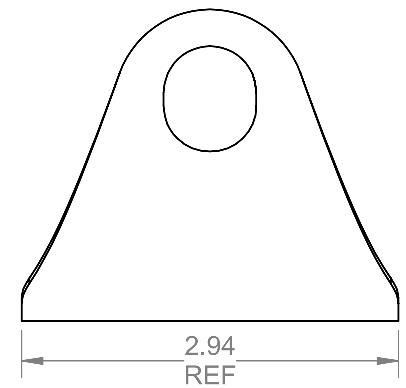
DETAIL K
SCALE 2X

NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR
AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.23 lbs
8) IT IS ACCEPTABLE TO OVERBEND D4682-9 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

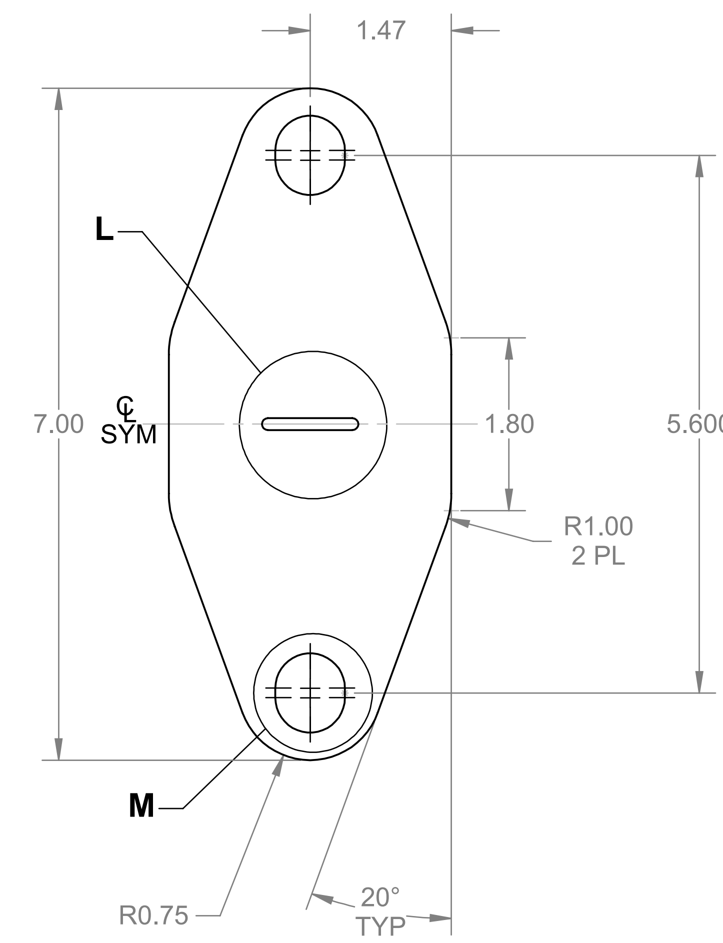
PRELIMINARY ISSUE

DESIGN	AP	DART AEROSPACE USA, INC. KENT, WA
DRAWN	AP	
CHECKED	AJS	DRAWING NO. D4682 — REV. C — SHEET 7 OF 8
MFG. APPR.	DD	
APPROVED		TITLE WEARPLATE ASSY — SCALE NTS
DE APPR.		
DATE	14.04.15	

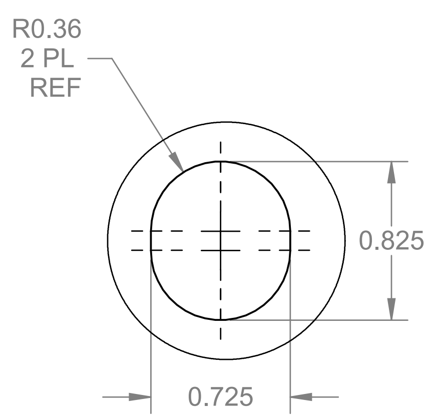




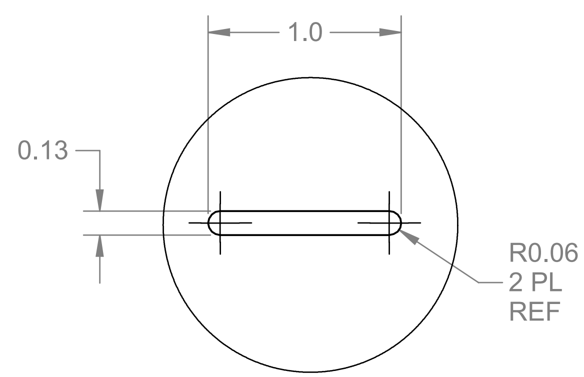
D4682-11 WEARPLATE SHIM (C)
(MAKE FROM D4682-11F)



D4682-11F WEARPLATE SHIM (C)
(FLAT PATTERN)



DETAIL M
SCALE 2X



DETAIL L
SCALE 2X

NOTES:
1) MATERIAL: AISI 304/316 STAINLESS STEEL PER MIL-S-5059 OR
AMS 5513 OR AMS 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, REF DART SPEC. M304S18GA
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NONE
7) WEIGHT: 0.21 lbs
8) IT IS ACCEPTABLE TO OVERBEND D4682-11 UP TO 2 DEG OR UNDERBEND UP TO 5 DEG

PRELIMINARY ISSUE

DESIGN	AP	**DART AEROSPACE USA, INC.** KENT, WA
DRAWN	AP	
CHECKED	AJS	DRAWING NO. D4682 — REV. C — SHEET 8 OF 8
MFG. APPR.	DD	
APPROVED		TITLE: WEARPLATE ASSY — SCALE NTS
DE APPR.		
DATE	14.04.15	